

Datasheet for ABIN2748934
anti-Interferon gamma antibody



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Overview

Quantity:	0.5 mg
Target:	Interferon gamma (IFNG)
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Interferon gamma antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), ELISpot, Neutralization (Neut), Intracellular Staining (ICS)

Product Details

Clone:	DB-1
Isotype:	IgG1
Cross-Reactivity:	Mouse (Murine)
Characteristics:	The mouse anti-rat IFN-γ monoclonal antibody . In Western blot analysis the DB-1 antibody reacts with the 14 kDa and 18 kDa polypeptides present in rat IFN-γ with moderate activity. Clone DB-1 has shown not to bind with rat IFN-α and IFN-β nor human IFNs. Further, biotinylated DB-1 antibody or biotinylated polyclonal antibody to rat IFN-γ as detector antibody . The DB-1 antibody is also applicable in immunohistochemistry on frozen tissues and intracellular staining .

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFN-gamma (IFNG Products)
Gene ID:	25712
NCBI Accession:	NP_620235
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , ER-Nucleus Signaling , Regulation of Carbohydrate Metabolic Process , Protein targeting to Nucleus , Autophagy

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with sterile distilled water
Storage:	4 °C

Publications

Product cited in:	Verma, Boyd, Robinson, Plain, Tran, Hall: "Interleukin-12p70 prolongs allograft survival by induction of interferon gamma and nitric oxide production." in: Transplantation, Vol. 82, Issue 10, pp. 1324-33, (2007) (PubMed). Darji, Sileghem, Heremans, Brys, De Baetselier: "Inhibition of T-cell responsiveness during experimental infections with Trypanosoma brucei: active involvement of endogenous gamma interferon." in: Infection and immunity, Vol. 61, Issue 7, pp. 3098-102, (1993) (PubMed). van der Meide, Dubbeld, Vijverberg, Kos, Schellekens: "The purification and characterization of rat gamma interferon by use of two monoclonal antibodies." in: The Journal of general virology, Vol. 67 (Pt 6), pp. 1059-71, (1986) (PubMed).
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